What is claimed is:

1. A communication control system comprising a routing controller, a first router and a second router, wherein

the routing controller comprises:

a trigger receiver configured to receive a predetermined trigger;

an address information provision requester configured to request the first router to provide address conversion information in accordance with the received predetermined trigger; and

an address conversion information processing requester configured to request the second router to perform a predetermined processing related to the address conversion information acquired from the first router,

the first router comprises an address conversion information provider configured to provide the address conversion information in accordance with the request from the routing controller,

the second router comprises:

an address conversion information manager configured to perform the predetermined processing related to the address conversion information and manage the address conversion information, in accordance with the request from the routing controller;

an address converter configured to change a destination address included in received data based on the address conversion information; and

a routing processor configured to perform a routing processing of the received data based on the changed destination

address.

2. A communication control method performed by a routing controller, a first router and a second router, the method comprising the steps of:

receiving a predetermined trigger in the routing controller;

requesting the first router to provide address conversion information in accordance with the received predetermined trigger, in the routing controller;

providing the address conversion information in accordance with the request from the routing controller in the first router;

requesting the second router to perform a predetermined processing related to the address conversion information acquired from the first router, in the routing controller;

performing the predetermined processing related to the address conversion information and managing the address conversion information, in accordance with the request from the routing controller, in the second router;

changing a destination address included in received data based on the address conversion information, in the second router; and

performing a routing processing of the received data based on the changed destination address, in the second router.

3. A routing controller comprising:

a trigger receiver configured to receive a predetermined trigger;

an address information provision requester configured to request a first router to provide address conversion information in accordance with the received predetermined trigger; and

an address conversion information processing requester configured to request a second router to perform a predetermined processing related to the address conversion information acquired from the first router.

4. A routing controller comprising:

a trigger receiver configured to receive a predetermined trigger;

an address conversion information creator configured to create address conversion information in accordance with the received predetermined trigger; and

an address conversion information creation requester configured to request a second router to create the address conversion information.

5. A router comprising:

an address conversion information manager configured to create and manage address conversion information when a routing controller request the router to create the address conversion information;

an address converter configured to change a destination address included in received data based on the address conversion information; and

a routing processor configured to perform a routing processing of the received data based on the changed destination

address.

6. The router according to claim 5 further comprising an address conversion information deletion permission requester configured to request the routing controller to permit deletion of the address conversion information, wherein

the address conversion information manager deletes the address conversion information upon receiving the deleting permission from the routing controller.

7. The router according to claim 5, wherein

the address conversion information associates a destination address of received data with a predetermined address;

the address converter encapsulates the destination address of the receive data with the predetermined address;

the routing processor performs the routing processing of the received data using the predetermined address.